

ENGINEERING CHANGE NOTICE **DART AEROSPACE LTD**

Date: 09.06-25	Job No.: 00681	ADR Yes/No: Y	ADR Date: 09.01.20	ECN #: 09- 619
Product No.: D058-677		Created By: AJS	Approved By: [Signature]	
Product Name: HELI ACCESS STEP		Checked By: [Signature]	General Manager Approval:	

Distribution	Reqd	Resp	Initial / Date
Production Manager	Y	LL	LLF 09-06-29
Production Engineering Coord	Y	JLM/EC	JLM 09/06/26
Production Document Control			
Customer Technical Support	Y	DSTOW	DSTOW 09-06-26

Distribution	Reqd	Resp	Initial / Date
DQA / QA Coord			
QC Coordinator	Y	JM	JM 09-06-26
Marketing	Y	SW	SW 09-06-26
Customer Order Processing			

Reason for Change: DESIGN IMPROVEMENT SEE PAR 152

Documents Affected:
IIN-D058-677 REV. C
ICA-D058-677 REV. 1
D2230 REV. G, D2731 REV C, D2943 REV C & D3394 REV B

PARTS MUST COMPLY ☒ **PREVIOUS PARTS SATISFACTORY** ☐

#	Quality Assurance Actions	Reqd	Resp	Notes	Complete
1	Notify Previous Customers	N			
2	Notify Eurocopter France	N			
3					

#	Engineering Actions	Reqd	Resp	Notes	Complete
4	Required Documents/Drawings Under Review	N		SUPERCEDE	
5	Update Product Compatability Matrix	N			
6	Create Eurocopter Form (FEE)	N			
7	Notify TC / FAA of Change	N			

#	Document Control Actions	Reqd	Resp	Notes	Complete
8	Move Electronic Files	Y	KJ		09.06.25 [Signature]
9	Update Blue/Pink/DSI Folder and Electronic Files	Y	KJ		09.06.25 [Signature]
10	Update Controlled PDF Files	Y	KJ		09.06.25 [Signature]
11	Update Master Document List (MDL)	Y	AJS	628 Rev.I / 677 Rev.D / 591 Rev.B / 602 Rev.O / 607 Rev.Q / 628 Rev.H / 677 Rev.C / 721 Rev.D	09.06.25 AJS [Signature]
12	Update Document Record (DR)	Y	KJ		09.06.25 [Signature]
13	Update Product Development Summary	N			
14	Update QSI 021 and/or STC Approval List	N			
15	Update Parts / STC Database	N			
16	Update / Verify ARC Database	Y			
17	Create / Update Change Record Form	Y	KJ		09.06.25 [Signature]
18	Create / Update PPP's	Y	KJ		09.06.25 [Signature]
19	Update Document Control Database / Laminated Dwgs	N			
20	Update Grey Project Binder	Y	KJ		09.06.25 [Signature]
21	Update D-Part/M-Drawing/DSI/DEO Master Binders	Y	KJ		09.06.25 [Signature]
22					
23					

Description / Action:
UPDATE CHANGE RECORD: D058-677-011 FROM CHG 001 - CHG 002
D058-677-012 FROM CHG 001 - CHG 002
D058-677-013 FROM CHG 001 - CHG 002
D058-677-014 FROM CHG 001 - CHG 002

RELEASE: IIN-D058-677-REV. C
ICA-D058-677-REV. 1
D2230 REV. G
D2731 REV C
D2943 REV C
D3394 REV B

ECN Verified & Complete: [Signature] Date: 09/06/29

AMENDMENT DESIGN REVIEW (ADR)Part/Installation No.: D058-677 Rev: G Design Review No.: 1 Date: 09.01.20Project Number: 00569 Project Description/Title: Heli-Access-StepEng. Project Manager: Alan Stocker

Persons Present	Title	Initial
Mike Petsche	Design Manager	<i>MP</i>
Alan Stocker	Engineering Project Manager	<i>AS</i>
David Shepherd	Chief Engineer (DE #02)	<i>DS</i>
	Manufacturing Manager	
	Quality Manager	
Peter Hum	Mechanical Designer	<i>PH</i>

Comments

Minor design improvements have been made to D058-677-011/-012/-013/-014 Heli-Access-Steps to prevent cracking of the step (see PAR 152). Further minor improvements were made to installation clamps to prevent and the installation of the clamps to prevent potential damage to the aircraft's cross tubes. These improvements included:

1) To prevent the step from cracking the D2943-041/-042 Step assemblies we re-designed from a single lug attachment to a double lug this also required the creation of the D3855-1/-3 lugs (See D2943 Rev C).

2 To prevent potential damage to the aircraft's cross tubes D2732-030 Rubber cushions were added between the installation clamps and cross tubes in installation instructions see IIN-D058-677 Rev. C page 6 Section B-B.

3) The D2230 & D2731 clamps have been updated with radii on the points where the clamps contact the D2732-030 Rubber cushions this will prevent chafing of the cushions and help prevent potential damage to the aircraft's cross tubes (see D2230 Rev G section A-A as example).

Send documentation to FAA DER Dave Mc Clenahan

Key Tasks (Check or N/A)	Check	Responsible	Completion Date
Review Outstanding TSR/NCR/CAR/PAR	Y	AJS	
Fill out Criteria/Constraints Form – Inputs	N		
Fill out Project Evaluation Form	N		
D-Part creation/revision	Y	AJS	
Get Manufacturing Input	Y	AJS/DSTOW	
First Article Inspection	N		
Fit and Function Test	Y	AJS/DSTOW	
Structural Test	N		
Reports (Compliance, Loads, Stress, Conformity, DSI)	N		
Check Drawings against all QSIs	Y	AJS	
Review Criteria/Constraints Form	N		
Revision to existing approval	N		
Close Amendment Project	Y	AJS	

Conclusion:

Release IIN-D058-677 Rev. C, ICA-D058-677 Rev. 1, D2230 Rev. G & D2731 Rev. C Per ECN.

